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Supplemental form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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of

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Complete if Known

Application Number	10/689,876
Filing Date	October 20, 2003
First Named Inventor	Shanna D. Knights
Group Art Unit	1745
Examiner Name	Not assigned
Attorney Docket Number	12622US02

U.S. PATENT DOCUMENTS

Examiner Initial*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
Dwg	A1	4,454,169	06/1984	Hinden et al.	
	A2	4,716,087	12/1987	Ito et al.	
	A3	5,681,435	10/1997	Joshi et al.	
	A4	5,871,860	02/1999	Frost et al.	
	A5	5,904,832	05/1999	Clifford et al.	
	A6	6,007,934	12/1999	Auer et al.	
Dwg	A7	6,165,635	12/2000	Auer et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
Dwg	A8	EP 0047595	04/1985			
	A9	EP 0827225	03/1998			
	A10	PCT WO 99/53557	10/1999			
	A11	EP 450849	01/2000			
	A12	EP 872906	10/2000			
	A13	PCT WO 01/15247	03/2001			
	A14	JP 09-035736	07/1997			
	A15	JP 10-270057	01/2002			
Dwg	A16	EP 0716463	06/1992			

OTHER ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
Dwg	A17	Kinoshita, "Carbon: Electrochemical and Physicochemical Properties", John Wiley & Sons, Inc., New York, USA pp. 390-391, 1988
Dwg	A18	Hamnett et al., "Nafion®-bonded porous titanium oxide electrodes for oxygen evolution: towards a regenerative fuel cell," <i>J. of Applied Electrochemistry</i> , 21:982-985, 1991
Dwg	A19	WANG et al., "Simulation Studies on the Fuel Electrode of a H ₂ -O ₂ Polymer Electrolyte Fuel Cell," <i>Electrochimica Acta</i> , Vol. 37 No. 15, pp. 2737-2745, 1992

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Approved for use through 10/31/2002. OMB 0651-0031

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OTHER ART -- NON PATENT LITERATURE DOCUMENTS

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Duf	A20	SAVADOGO, "New Materials for Water Electrolysis and Photoelectrolysis," <i>Hydrogen Energy World Conference</i> , pp. 2065-2092, 1996
Duf	A21	KORDESCH and SIMADER, "Fuel Cells and Their Applications," VCH Publishers, Inc., 1996
Duf	A22	"Regenerative Fuel Cell Subsystems", <i>Electrochemistry Course 869 at Simon Fraser University</i> , pp. 1-12, 11/1996
Duf	A23	RALPH et al., "Low Cost Electrodes for Proton Exchange Membrane Fuel Cells", <i>Journal Of The Electrochemical Society</i> , 144(11):3845-3857, 11/1997
Duf	A24	BOYER et al., "Measurements of Proton Conductivity in the Active Layer of PEM Fuel Cell Gas Diffusion Electrodes," <i>Electrochimica Acta</i> , Vol. 43, No. 24, pp. 3703-09, 1998
Duf	A25	MARR et al., "Composition and Performance Modeling of Catalyst Layer in a Proton Exchange Membrane Fuel Cell," <i>Journal of Power Sources</i> , Vol. 77 No.1, pp. 17-27, 1999

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